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Appl. No. : 09/996,030
Filed : November 16, 2001

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning at page 3, paragraph 3 as follows:

In addition, the analysis of blood cells and blood precursor cells in the bone marrow is important in the diagnosis of leukemias. The number, type and stage of the cells are utilized to classify or allocate the type of leukemia, and to decide as to an appropriate therapy. Allocation of leukemias is based on the one hand on the clinical course of the disease, and on the other hand on the degree of maturation and the lineage of the pathologically altered leukocytes. This requires, however, a determination of the cell type and status of both the healthy and the degenerate cells contained in a sample from a ~~being~~ patient.

Please amend the bridging paragraph between pages 4 and 5 as follows:

According to the present invention, this object is achieved by a use of an antibody in which binding of the antibody occurs to that surface structure of the cells to which can bind the antibody with the designation 97A6, produced and released by hybridoma cells that were deposited in accordance with the Budapest Treaty on February 12, 1997 under number DSM ACC 2297 at Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, DMSZ. All restrictions upon public access to the deposit will be irrevocably removed upon the grant of a patent on this Application and the deposit will be replaced if viable samples cannot be dispensed by the depository.

Please amend the first full paragraph of page 21 as follows:

Cells of the basophilic precursor cell line KU-812 were surface-labeled with ^{125}I and subsequently lysed with NP-40. The immunoprecipitation was performed with pre-assembled 97A6 antibody-complexes. 97A6 antibodies were immobilized on SEPHAROSE beads (a bead form of agarose) that were conjugated with secondary antibodies. As a control, immunoprecipitation was performed with beads without 97A6 antibody. After boiling the samples in SDS under reducing conditions in the presence of 2-mercaptoethanol and under non-reducing conditions apparent molecular weights were determined by gel electrophoretical separation on 5-15% ~~polyacrylamide~~ polyacrylamide gels (Laemmli, UK, Nature 227 (1970), 680) using ^{14}C - methylated marker proteins after autoradiography.